

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--------------------|------------------|---------|------------------|
| L1 | 1 | ((magnetic adj tunnel adj junction) or mtj) and (reference adj (layer or film)) and (insulat\$6 adj (layer or film)) and (tunnel adj barrier) and (stor\$6 adj (layer or film)) and ((first or second) adj2 electrode) and ((thermal or heat or temperature) adj2 (conductivity or barrier)) | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:21 |
| L2 | 834589 | 2002/0089874 AI 2003/0206434 AI "6,535,416" 2005/0002228 AI 2005/0002267 AI 2004/00095801 AI "6,385,082" B1 2003/0007398 AI 2003/0123282 AI "5,933,36" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:08 |
| L3 | 256 | 2002/0089874 2003/0206434 "6, 535,416" 2005/0002228 2005/0002267 2004/00095801 "6, 385,082" 2003/0007398 2003/0123282 "5,933,365" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:12 |
| L4 | 0 | "20020089874".pn. | USPAT | OR | OFF | 2007/04/04 07:14 |
| L5 | 1 | "20020089874".pn. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:14 |
| L6 | 1 | "20030206434" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:14 |
| L7 | 1 | "6535416".pn. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:15 |
| L8 | 1 | "20050002228" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:15 |
| L9 | 1 | "20050002267" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:15 |
| L10 | 0 | "200400095801" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:16 |
| L11 | 1 | "20040009580" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:16 |
| L12 | 0 | "2004009581" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:17 |
| L13 | 1 | "20040095801" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:17 |
| L14 | 1 | "6385082".pn. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:19 |
| L15 | 1 | "20030007398".pn. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:20 |
| L16 | 3 | "20030123282" | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:21 |

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|-----|------|---|--------------------|----|-----|------------------|
| L17 | 1 | "5933365".pn. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 07:21 |
| L18 | 30 | ((magnetic adj tunnel adj junction) or mtj) and ((reference or fix\$4) adj (layer or film)) and (insulat\$6 adj (layer or film)) and (tunnel adj barrier) and ((stor\$6 or free) adj (layer or film)) and ((first or second) adj2 electrode) and (thermal or heat or temperature) | US-PGPUB; USPAT | OR | OFF | 2007/04/04 08:28 |
| L19 | 385 | ((magnetic adj tunnel adj junction) or mtj) and ((thermal or heat or temperature) near8 (barrier or block\$ or stop\$ or insul\$6)) | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:00 |
| L20 | 65 | ((magnetic adj tunnel adj junction) or mtj) and ((thermal or heat or temperature) adj2 conduct\$6) | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:05 |
| L21 | 1435 | magnetic and ((reference or fix\$4 or pin\$4 or free or stor\$4) adj2 (layer or film)) and ((heat or temperature or thermal) adj2 conduct\$6) | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:21 |
| L22 | 31 | 21 and 365/158.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:20 |
| L23 | 26 | 21 and 365/171.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:18 |
| L24 | 19 | 21 and 365/173.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:17 |
| L25 | 16 | 21 and 257/295.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:17 |
| L26 | 9 | 21 and 257/421.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:16 |
| L27 | 12 | 21 and 438/3.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:16 |
| L28 | 0 | 21 and 438/73.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:13 |
| L29 | 329 | 365/160.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:14 |
| L30 | 99 | 365/161.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:13 |
| L31 | 10 | magnetic and ((reference or fix\$4 or pin\$4 or free or stor\$4) adj2 (layer or film)) and ((heat or temperature or thermal) adj2 conduct\$6) | EPO; JPO | OR | OFF | 2007/04/04 09:22 |

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| L32 | 20 | (magnetic and ((reference or fix\$4 or pin\$4 or free or stor\$4) adj2 (layer or film)) and ((heat or temperature or thermal) adj2 conduct\$6)).clm. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:32 |
| L33 | 38 | dieny-bernard\$.in. | US-PGPUB; USPAT | OR | OFF | 2007/04/04 09:32 |